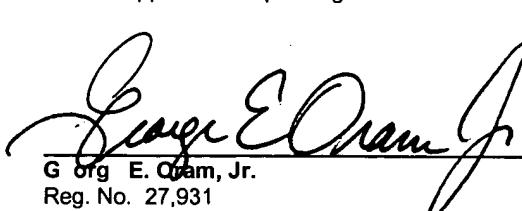


FORM PTO-1390 (REV 5-93)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY DOCKET NO. 107390-00007
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		DATE: April 4, 2002	
		U.S. APPLN. NO. (IF KNOWN, SEE 37 C.F.R. 1.5)	
INTERNATIONAL APPLICATION NO. PCT/JP01/09227	INTERNATIONAL FILING DATE 19 October 2001	PRIORITY DATE CLAIMED	
TITLE OF INVENTION: SPRINKLER			
APPLICANT(S) FOR DO/EO/US: Atsushi TANIMOTO			
<ol style="list-style-type: none"> <input type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. (THE BASIC FILING FEE IS ATTACHED) <input checked="" type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. <input type="checkbox"/> This express request to begin national examination procedures [35 U.S.C. 371(f)] at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1). <input type="checkbox"/> A proper demand for International Preliminary Amendment was made by the 19th month from the earliest claimed priority date. <input type="checkbox"/> A copy of the International Application as filed [35 U.S.C. 371(c)(2)] <ol style="list-style-type: none"> <input type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau). <input type="checkbox"/> has been transmitted by the International Bureau. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). <input type="checkbox"/> A translation of the International Application into English [35 U.S.C. 371(c)(2)]. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 [35 U.S.C. 371(c)(3)] <ol style="list-style-type: none"> <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau). <input type="checkbox"/> have been transmitted by the International Bureau. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. <input type="checkbox"/> have not been made and will not be made. <input type="checkbox"/> A translation of the amendments to the claims under PCT Article 19 [35 U.S.C. 371(c)(3)]. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) [35 U.S.C. 371(c)(4)]. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 [35 U.S.C. 371(c)(5)]. 			
Items 11 - 16 below concern other document(s) or information included:			
<ol style="list-style-type: none"> <input type="checkbox"/> An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included. <input type="checkbox"/> A FIRST preliminary amendment. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. <input type="checkbox"/> A substitute specification. <input type="checkbox"/> A change of power of attorney and/or address letter. <input type="checkbox"/> Other items or information: 			

U.S. APPLN. NO. (IF KNOWN, SEE 37 C.F.R. 1.50)		INTERNATIONAL APPLICATION NO. PCT/JP01/09227		ATTORNEY DOCKET NO. 107390-00007																	
				DATE: April 4, 2002																	
<p>17. <input type="checkbox"/> The following fees are submitted: Basic National Fee [37 C.F.R. 1.492(a)(1)-(5)]: Search Report has been prepared by the EPO or JPO.....\$890.00 International preliminary examination fee paid to USPTO (37 C.F.R. 1.482).\$710.00 No international preliminary examination fee paid to USPTO (37 C.F.R. 1.482) but international search fee paid to USPTO [37 C.F.R. 1.445(a)(2)].\$740.00 Neither international preliminary examination fee (37 C.F.R. 1.482) or international search fee [37 C.F.R. 1.445(a)(2)] paid to USPTO.....\$1,040.00 International preliminary examination fee paid to USPTO (37 C.F.R. 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4).\$ 100.00</p>				CALCULATIONS	PTO USE ONLY																
ENTER APPROPRIATE BASIC FEE AMOUNT =																					
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date [37 C.F.R. 1.492(e)]. <table border="1"> <thead> <tr> <th>Claims</th> <th>Number Filed</th> <th>Number Extra</th> <th>Rate</th> </tr> </thead> <tbody> <tr> <td>Total Claims</td> <td>6 - 20 =</td> <td>0</td> <td>X \$ 18.00</td> </tr> <tr> <td>Independent Claims</td> <td>2 - 3 =</td> <td>0</td> <td>X \$ 84.00</td> </tr> <tr> <td colspan="3">Multiple dependent claim(s) (if applicable)</td> <td>+ \$280.00</td> </tr> </tbody> </table>				Claims	Number Filed	Number Extra	Rate	Total Claims	6 - 20 =	0	X \$ 18.00	Independent Claims	2 - 3 =	0	X \$ 84.00	Multiple dependent claim(s) (if applicable)			+ \$280.00		
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Total Claims	6 - 20 =	0	X \$ 18.00																		
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Multiple dependent claim(s) (if applicable)			+ \$280.00																		
TOTAL OF ABOVE CALCULATIONS =																					
Reduction by one-half for filing by small entity, if applicable. Applicant qualifies for Small Entity Status. (Note 37 C.F.R. 1.9, 1.27, 1.28).																					
SUBTOTAL =																					
Processing fee of \$130.00 for furnishing the English translation later the <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date [37 C.F.R. 1.492(f)]. + TOTAL NATIONAL FEE =																					
Fee for recording the enclosed assignment [37 C.F.R. 1.21(h)]. The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40.00 per property + TOTAL FEES ENCLOSED =																					
				Amount to be refunded	\$																
				Charged	\$																
a. <input type="checkbox"/>	A check in the amount of \$.00 to cover the above fees is enclosed.																				
b. <input type="checkbox"/>	Please charge my Deposit Account No. 01-2300 in the amount of \$ to cover the above fee. A duplicate copy of this sheet is enclosed.																				
c. <input checked="" type="checkbox"/>	The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 01-2300.																				
NOTE: Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive [37 C.F.R. 1.137(a) or (b)] must be filed and granted to restore the application to pending status.																					
SEND ALL CORRESPONDENCE TO: Customer N . 004372 Arent Fox Kintner Plotkin & Kahn 1050 Connecticut Avenue, N.W., Suit 400 Washington, D.C. 20036-5339 T I: (202) 857-6000 Fax: (202) 638-4810																					
 George E. Oram, Jr. Reg. No. 27,931																					